Internation No
PCT/EP2004/010469

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A23L1/308 A61K31/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

 $\begin{tabular}{ll} Minimum documentation searched (classification system followed by classification symbols) \\ IPC 7 & A23L & A61K \end{tabular}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

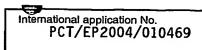
EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS, MEDLINE

Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZIMMERMANN B ET AL: "PRO- AND PREBIOTICS IN PIG NUTRITION - POTENTIAL MODULATORS OF GUT HEALTH?" JOURNAL OF ANIMAL AND FEED SCIENCES, POLSKA AKADEMIA NAUK, PL, vol. 10, no. 1, 2001, pages 47-56, XP001204192 ISSN: 1230-1388 abstract page 49, paragraph 5 - page 52, paragraph 2; tables 1-3	1–10
X	WO 01/65949 A (MARS UK LTD ; BAILLON MARIE LOUISE (GB); GIFFARD CATRIONA JULIE (GB)) 13 September 2001 (2001-09-13) the whole document	1-10

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the International filling date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the International filling date but later than the priority date claimed	"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search 21 January 2005	Date of mailing of the international search report  2 8. 04. 2005
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Vernier, F

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- 1-		PCT/EP2004/010469
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 683 991 A (JURENITSCH JOHANN ET AL) 4 November 1997 (1997-11-04) the whole document	1–10
K	WO 02/051264 A (NUTRICIA NV; WISSING ELMO (NL); VAN LAERE KATRIEN MARIA JOZEFA (NL)) 4 July 2002 (2002-07-04) the whole document	1-10
(	WO 98/42311 A (AKIYAMA YOHKO; KITANO MEGUMI (JP); NAGAHARA NAOKI (JP); NAKAO MASAFUM) 1 October 1998 (1998-10-01) the whole document	1-10
	MACFARLANE G T ET AL: "PROBIOTICS AND PREBIOTICS: CAN REGULATING THE ACTIVITIES OF INTESTINAL BACTERIA BENEFIT HEALTH?" BRITISH MEDICAL JOURNAL, LONDON, GB, vol. 318, no. 7189, 10 April 1999 (1999-04-10), pages 999-1003, XP001204191 ISSN: 0267-0623 the whole document	1-10
		-



Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 11 because they relate to subject matter not required to be searched by this Authority, namely:  Although claims 3-7 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the
Composition.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  1–10
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-10

Use of a compound and composition comprising said compound, the compound being chosen from the list of present claim 1

2. claim: 11

Screening method to test the anti-adhesive activity of an oligosaccharide  $% \left( 1\right) =\left( 1\right) +\left( 1\right) +$ 

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 240

Continuation of Box 3.

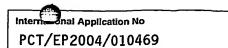
Although claims 3-7 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition:

Further defect(s) under Article 17(2)(a):

Continuation of Box 3.

Claim(s) not searched:

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy



				PC1/EP2004/010469	
Patent document cited in search report	Publication date		Patent family member(s)	Publication date	
WO 0165949	A 13-09-2001	AU AU AU BR CA EP WB GB JP US US	776479 B2 3175800 A 779710 B2 3761701 A 0008879 A 2366920 A1 1158867 A2 1261259 A1 0165949 A1 2363696 A ,B 2377638 A ,B 2002537861 A 350537 A1 6656512 B1 2003195166 A1	09-09-2004 28-09-2000 10-02-2005 17-09-2001 22-01-2002 14-09-2000 05-12-2001 04-12-2002 13-09-2001 09-01-2002 22-01-2003 12-11-2002 16-12-2003 16-10-2003	
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